



# PROTECTION GLOVES MAIN CATALOG

2024

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# PROTECTING



# Friedrich Münch

## **100 YEARS**

Friedrich Münch GmbH + Co KG will be 100 years old in 2020. Since 1920, Mühlacker has been the headquarters of the family-run company, which, with its ability to innovate and the diligence of its employees, is one of the market leaders worldwide and is synonymous with safety.

#### **250 EMPLOYEES**

250 highly qualified employees work for the niroflex and NIRO-S brands.

## **50 YEARS**

50 years last some of the longest partnerships with the trade. That creates trust.

## **70 COUNTRIES**

Friedrich Münch GmbH + Co KG supplies its products for more safety to more than 70 countries.



# HANDS.

#### THE RIGHT GLOVE FOR SURE

The niroflex and NIRO-S brands are the best choice in over 70 countries when it comes to protecting hands at work. Prick protection and cut protection combined with great wearing comfort characterize the protective gloves without being a hindrance – even during delicate work.

#### INNOVATIVE AND GROUNDBREAKING

In the field of safety products, Friedrich Münch GmbH + Co KG sets new benchmarks in innovation, technology and quality decade after decade. The products in this catalog prove it – see for yourself.







#### **NIRO-S – EXCELLENT PROTECTIVE GLOVES**

The brand name NIRO-S stands for premium protective gloves and safe working in industrial applications. The performance portfolio of NIRO-S gloves ranges from assembly work to work with sharp-edged tools or electrostatic objects.

In NIRO-S, Friedrich Münch GmbH + Co KG bundles its know-how and expertise as one of the world's leading manufacturers of personal protective equipment for everyday work.

But it is not the company alone that is responsible for the success of the young NIRO-S brand. It is the people who work for NIRO-S. From purchasing to quality control and sales to warehouse, logistics and shipping, their goal is to make the product behind the brand better so that working is safer.





#### **RING MESH GLOVES & APRONS**

In 1968, Friedrich Münch GmbH + Co KG introduced the world's first stab protection glove made of welded stainless steel ring mesh. To this day, niroflex brand products are synonymous worldwide with safety products in the food processing industry – "Quality – Made in Germany".

The breadth of our product range and our high vertical range of manufacture enable us to respond individually to the requirements of our customers and the needs of users. Our gloves, aprons or customized protective clothing show their high functionality in many intelligent details, all of which have only one goal: **to optimally protect the person wearing them.** 











#### **BLUECUT / WHITECUT**

Parallel to the development of our ring mesh gloves, a diversified range of high-quality cut protection gloves was also created under the niroflex brand. Knitted niroflex cut protection gloves for handling groceries have long exceeded the maximum values required by EN 388:2016 and offer the highest quality for greater safety.



#### BODYARMOR

In 1990, Friedrich Münch GmbH + Co KG developed the first ring mesh stab protection inserts for ballistic vests. Today, the company supplies customized solutions worldwide, also for individual fabrications. The claim to "100% quality" is indispensable in this area.

All over the world, niroflex ring meshes are used in protective vests and clothing for the police, military and civilian security forces.









# QUALITY, COATING, STANDARDS AND PROTECTION

# **DETERMINE GLOVE SIZE**

#### **MEASURE CORRECTLY:**

Take a tape measure to measure the length of the hand. The hand should be open, and the fingers should be stretched. As shown in the graphic, place the tape measure on the ball of the hand and lay it to the fingertip of the longest finger. Read the length and determine the appropriate glove size with the chart.

Glove size	6	7	8	9	10	11
Hand length (measured at the longest finger)	16 cm	17 cm	18 cm	19 cm	20 cm	21 cm





#### **CATEGORIES OVERVIEW**

#### NIRO-S eco

favorable, economical alternative in the respective segment, across all cut protection classes

NIRO-S pure especially high-quality assembly gloves

**NIRO-S plus** cut protection gloves 3/B\*, high quality

**NIRO-S pro** cut protection gloves level F, high quality

**NIRO-S ice** Protection against cold. For work in winter and food service industry

**NIRO-S tec** Double dipped coating on nitrile foam base

**NIRO-S ESD** for antistatic handling

NIRO-S cuff Arm cuffs

\*Exception: Winter glove 3005 (Level 2)

# **RETAILERS - WELL ADVISED**

#### RETAILERS LOVE THE PROTEC-TIVE GLOVES FROM NIRO-S

Companies in over 70 countries worldwide rely on products from Friedrich Münch GmbH + Co KG. Our products are produced on three continents. As the youngest member of the Friedrich Münch brand family NIRO-S is the fastest growing segment. As a retailer, you can profit from this dynamic. With maximum commitment to our sales partners, we offer opportunities and strategies to stand out in a highly competitive market.

Modern protective gloves must have more benefits than just protecting the hands and fingers from damage and injury. Our range offers numerous features in different combinations: Stab protection, cut protection, wear comfort, accuracy of fit, breathability, grip safety, tactile grip, tactile sensitivity, durability, oil repellency, water repellency, touchscreen-capability water repellent, antistatic.





#### RETAILERS, WHO STOCK NIRO-S PROTECTIVE GLOVES IN THEIR ASSORTMENT, CAN PLAY OUT SEVERAL ADVANTAGES TO THEIR OWN CUSTOMERS:

- ► Our protective gloves enrich every assortment on an ongoing basis.
- ► Individual advice and support in the selection of gloves for a wide range of applications and industries.
- ► As a service-oriented company, we are available to you personally and are at your disposal with our expertise in choosing suitable protective gloves for your assortment.
- ► Our portfolio is characterized by the precise matching of our products to the requirements of the respective user groups. This enables retailers to find the ideal glove for a specific area of application, or the perfect allrounder.
- ► We attach great importance to high delivery capacity and are constantly optimizing supply chains and warehouses, while our new product developments enable every retailer to always offer their customers a product alternative.

# **NIRO-S TEC-COATING**

The NIRO-S tec-coating is currently one of the most innovative and high-performance glove coatings. In several comparative tests, the NIRO-S tec coating was able to prove its superiority. The NIRO-S tec coating is a double-dipped coating based on nitrile foam and is probably the thinnest coating available on the market.



#### 1. COATING FOR FUNCTION

2. SPECIAL COATING FOR MORE GRIP

#### **NIRO-S TEC IN DETAIL**

- 1. Double-dipped nitrile foam-based coating.
- 2. Ultra-thin.
- 3. Oil-repellent.

4. The significantly reduced coating cross-section enables gloves with extremely good touch sensitivity.

5. The significantly thinner NIRO-S tec gloves have a truly exceptional fit.

6. The double-dipped coating makes NIRO-S tec gloves abrasion-resistant and extremely durable.

7. NIRO-S tec gloves are currently available in four variants.

#### **NIRO-S TEC VARIANTS**

NIRO-S tec #1024 Ultra-comfortable 18 gauge liner, palm and fingertips, coated

NIRO-S tec #1025 Comfortable 15 gauge liner, 3/4 coated

#### NIRO-S tec #3007 Ultra-comfortable 18 gauge HPPE liner, palm and fingertips coated,

cut protection class 3

# **OVERVIEW COATING**

#### **POLYURETHANE (PU)**

Polyurethane (PU) coatings are particularly sensitive, very elastic and adapt to the movements of the hand. The microporous coating is permeable to air and ensures that the glove is ventilated. PU does not react to cold or heat, so the glove always adapts to the hand. PU is hard-wearing and durable.

#### NITRILE



Nitrile coatings are mechanically durable, highly abrasion resistant and impervious to liquids. As a coating, nitrile is ideal for protecting the hand from chemicals, solvents, oils and greases. Nitrile coatings are also very durable, have high resistance and are very elastic in handling.

#### LATEX



Latex coatings are characterized by a very high flexibility. They are very resistant to mechanical impact. The soft, elastic coatings are robust, insensitive to water, resistant to oils. Latex provides a very good grip even on damp or wet surfaces.

#### LATEX FOAM



Latex foam coatings are highly elastic. Latex foam provides an excellent grip in both dry and wet environments. The microporous structure makes the glove soft and ensures a good fit. Latex foam is also extremely abrasion resistant.





Nitrile foam coatings are particularly non-slip in damp environments or on slightly oily surfaces. Nitrile foam coatings are soft, give mobility and very good tactile sensitivity. The open-pored structure conducts heat and moisture to the outside and is very abrasion-resistant.

#### **NFT-NITRILE FOAM**



NFT (New Foam Technology) coatings are characterized by their lightness, good breathability and high flexibility. The microporous structure allows heat to be transported to the outside and reduces sweating inside the glove.

#### **MICRO NITRILE FOAM**



Micro nitrile foam coatings can be dipped extremely thin. The characteristic properties of nitrile foam – high breathability, good grip – are retained. Fit and wearing comfort are significantly improved.

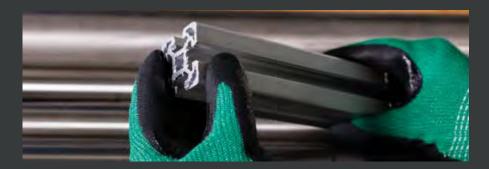


# PROTECTION GLOVES STANDARDS AND GUIDELINES

#### **GENERAL REQUIREMENTS FOR GLOVES: EN 21420**

Standards and guidelines are an essential factor in the production of protective gloves. The EN 420 standard specifies the relevant test methods and general requirements to be applied to all protective gloves. These include design principles, glove manufacture, resistance of the glove material to water penetration, harmlessness, comfort and performance, as well as the labeling and information to be provided by the manufacturer.









#### EN 388:2003 MECHANICAL RISKS

Abrasion resistance (0 - 4) Cut resistance (0 - 5) Tear resistance (0 - 4) Puncture resistance (0 - 4)

#### EN 388:2016 MECHANICAL RISKS

Abrasion resistance (0 - 4) Cut resistance (0 - 5) Tear resistance (0 - 4) Puncture resistance (0 - 4) Cut resistance (A - F)

#### EN 511 COLD

Convective cold (0 - 4) Contact cold (0 - 4) Water permeability (0 - 1)

#### EN 16350:2014

Electrostatic properties of safety gloves



#### PROTECTION AGAINST MECHANICAL RISKS: EN 388:2003



Protective gloves against mechanical risks bear the pictogram of the standard. The performance levels of the test must be listed in the following order:

#### **ABRASION RESISTANCE (0 - 4)**

Number of test cycles that are necessary to wear through the test glove.

#### **CUT RESISTANCE (0 - 5)**

Number of test cycles required at constant speed until the test glove is cut through.

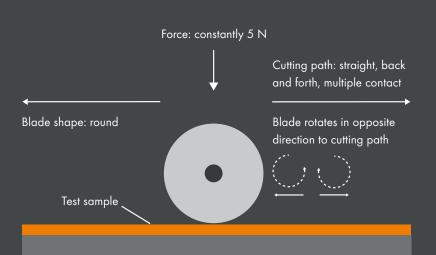
#### **TEAR RESISTANCE (0 - 4)**

Force required to tear the test glove.

#### **PUNCTURE RESISTANCE (0 - 4)**

Force necessary to pierce the test glove with a standardized tip.

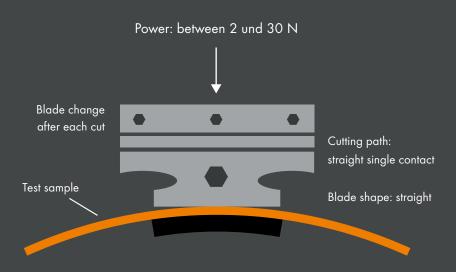
#### CUT RESISTANCE ACCORDING TO COUP-TEST EN 388:2003



	0	1	2	3	4	5
Abrasion resistance (cycles)	< 100	100	500	2000	8000	-
Cut resistance (factor)	< 1,2	1,2	2,5	5	10	20
Tear resistance (Newton)	< 10	10	25	50	75	_
Puncture resistance (Newton)	< 20	20	60	100	150	_

# PROTECTION GLOVES STANDARDS AND GUIDELINES

#### CUT RESISTANCE TDM / EN ISO 13997; EN 388:2016



	0	1	2	3	4	5
Abrasion resistance (cycles)	< 100	100	500	2000	8000	-
Cut resistance (factor)	< 1,2	1,2	2,5	5	10	20
Tear resistance (Newton)	< 10	10	25	50	75	-
Puncture resistance (Newton)	< 20	20	60	100	150	_

Level	А	В	С	D	Е	F
Cut resistance (Newton)	2	5	10	15	22	30
impact protection	Р	If the glove is not shock tested, there is no labeling				

#### PROTECTION AGAINST MECHANICAL RISKS: EN 388:2016

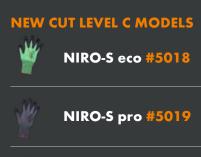
Protective gloves against mechanical risks bear the pictogram of the standard.



4.X.4.3.C.P

The performance levels of the test must be listed in the following order:

Abrasion resistance (0 - 4) Cut resistance (0 - 5) Tear resistance (0 - 4) Puncture resistance (0 - 4) Cut resistance (A - F) Shock protection Determination of the minimum force with which the test specimen is cut through after 20 millimeters.





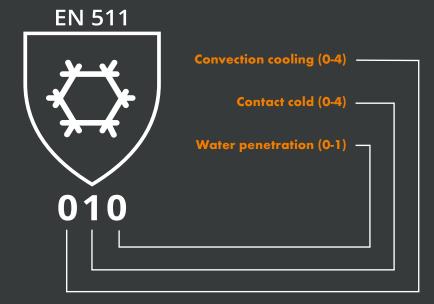
NIRO-S eco #5020



#### PROTECTION AGAINST COLD: EN 511

Protective gloves against cold bear the pictogram of the standard. The performance levels of the test must be listed in the following order:

Climatic or industrial cold with cold transmission by convection (0 - 4) Climatic or industrial cold in case of cold transmission by contact (0 - 4) Water permeability (0 oder 1)



#### **ELECTROSTATIC PROPERTIES EN 16350:2014**

The standard DIN EN 16350:2014 deals with electrostatic properties for protective gloves. There is no permissible labeling for ESD gloves.

#### **DIN EN 16350:2014**

Test conditions and minimum requirements of electrostatic properties of protective gloves:

- The contact resistance must be less than 100 megohms (Rv < 1,0 x 108 Ω)</p>
- The contact resistance Rv is tested according to DIN EN 1149-2:1997
- The test atmosphere for determining the contact resistance must consist of an air temperature of 23 ± 1 °C and a relative humidity of 25 ± 5 %.
- Five samples are measured. Each individual measured value must comply with the limit value.

#### PROTECTION AGAINST THERMAL RISKS (HEAT / FIRE) EN 407:2004

The standard DIN EN 407:2004 deals with the thermal risks for protective gloves, such as contact or radiant heat, flying sparks, fire or liquid metal.



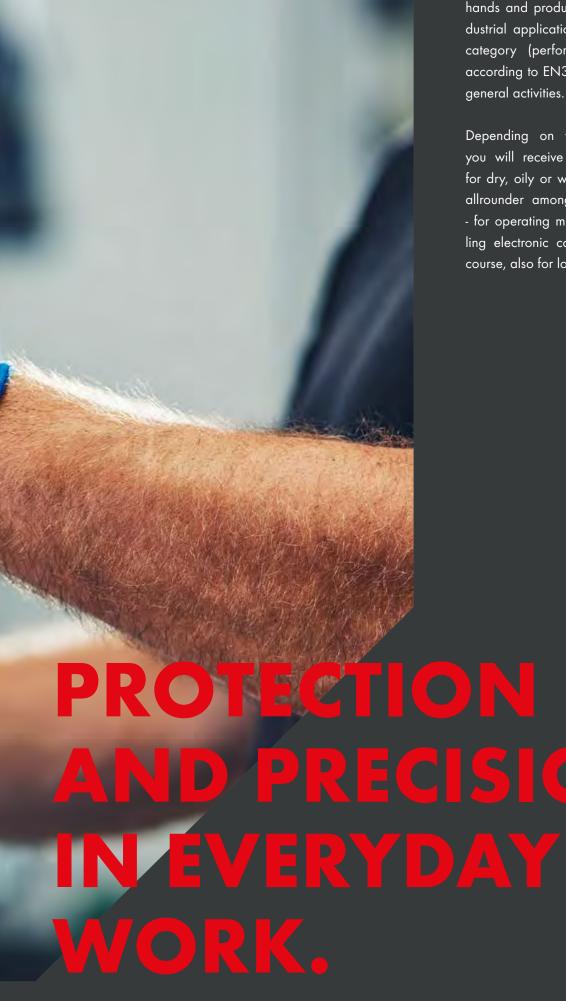


- (A) Flammability (0 4)
- (B) Contact heat (0 4)
- (C) Convective heat (0 4))
- (D) Radiant heat (0 4)
- (E) Small droplets of molten metal (0 4)
- (F) Large quantities of liquid metal (0 4)

#### EN 16350:2014







NIRO-S assembly gloves protect hands and products in numerous industrial applications. This protection category (performance level 1/A according to EN388) is intended for

Depending on your requirements, you will receive the perfect glove for dry, oily or wet work areas. The allrounder among assembly gloves - for operating machines or assembling electronic components and, of course, also for logistics.

# ASSEMBLY GLOVES





#### **FEATURES**

High dexterity, lint-free, secure grip, and good tactile sensitivity.

#### **RANGE OF APPLICATIONS**

Automotive industry, Warehousing and logistics, Manufacturing systems engineering, Painter and decorator, Electrical industry

#### **PRODUCT DETAILS**

Palm coated

Main material: Polyester 13 Gauge

Coating: Polyurethane (PU)

Colour: white / white

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3200

#### **FEATURES**

High dexterity, lint-free, secure grip, and good tactile sensitivity.

#### **RANGE OF APPLICATIONS**

Automotive industry, Warehousing and logistics, Manufacturing systems engineering, Painter and decorator, Electrical industry

#### **PRODUCT DETAILS**

Palm coated

Main material: Polyester 13 Gauge

Coating: Polyurethane (PU)

Colour: grey / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

## POLYURETHAN COATING





#### FEATURES

High dexterity, lint-free, secure grip, and good tactile sensitivity.

#### **RANGE OF APPLICATIONS**

Automotive industry, Warehousing and logistics, Manufacturing systems engineering, Painter and decorator, Electrical industry

#### **PRODUCT DETAILS**

Palm coated

Main material: Polyester 13 Gauge

Coating: Soft-Polyurethan

Colour: black / black

Sizes: 5, 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3211

#### **FEATURES**

Assembly glove with soft PU coating for a secure grip, good tactile sensitivity, high dexterity and lint-free

#### **RANGE OF APPLICATIONS**

Automotive industry, Consumer goods industry, Manufacturing systems engineering, Painter and decorator, Warehousing and logistics **PRODUCT DETAILS** 

Palm coated

Main material: Polyester 13 Gauge

Coating: Polyurethane (PU)

Colour: blue / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# ASSEMBLY GLOVES



#### **FEATURES**

Extremely good sensitivity, high breathability, very high wearing comfort

#### **RANGE OF APPLICATIONS**

Automotive industry, Warehousing and logistics, Manufacturing systems engineering, Electrical industry, Aviation

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 15 Gauge

Coating: Polyurethane (PU)

Colour: red / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 1280

#### **FEATURES**

High breathability, very sensitive, abrasion-resistant, white design allows impurities to be detected more quickly

#### **RANGE OF APPLICATIONS**

Automotive industry, Machinery and equipment, Maintenance, Assembly activities, Precision work, Transport, Electrical industry

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 13 Gauge

Coating: Polyurethane (PU)

Colour: white / white

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# POLYURETHAN COATING

#### #1007

#### **NIRO-S pure**



#### **FEATURES**

18 gauge liner for excellent tactile feel, high breathability, very high wearing comfort

#### **RANGE OF APPLICATIONS**

Electrical industry, Glass industry, Manufacturing systems engineering, Painter and decorator, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 18 Gauge

Coating: Polyurethane (PU)

Colour: blue / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 1640



# FLEXIBLE AND TOUCH-SENSITIVE

# ASSEMBLY GLOVES



#### **FEATURES**

Extremely good wet and dry grip, extremely grippy coating, extremely good tactility

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Electrical industry, Manufacturing systems engineering, Paper and cellulose industry

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 18 Gauge

Coating: Nitrile foam

Colour: blue / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3290

#### **FEATURES**

High wearing comfort, increased grip due to extra knobs, very good wet and dry grip

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Craft, Manufacturing systems engineering, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 15 Gauge

Coating: Nitrile foam with knobs

Colour: red / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

## NITRILE FOAM COATING





#### FEATURES

Thinly applied, water-repellent nitrile foam coating, sensitivity and dexterity, high wearing comfort due to spandex component

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Craft, Electrical industry, Manufacturing systems engineering

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 15 Gauge

Coating: Nitrile foam

Colour: red / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3100

#### **FEATURES**

Pleasantly soft Sponge-Nitrile foam coating , high wearing comfort due to spandex component, sensitivity and dexterity

#### **RANGE OF APPLICATIONS**

Aviation, Glass industry, Manufacturing systems engineering, Painter and decorator, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 15 Gauge

Coating: Nitrile foam

Colour: red / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# ASSEMBLY GLOVES



#### **FEATURES**

High wearing comfort, increased grip due to extra knobs, very good wet and dry grip

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Craft, Manufacturing systems engineering, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: Polyester 13 Gauge

Coating: Micro nitrile foam

Colour: black / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4300

#### #1016

# NIRO-S pure



#### **FEATURES**

Liquid-tight, very good wet and dry grip, high abrasion resistance

#### **RANGE OF APPLICATIONS**

Building industry, Gardening and landscaping, Heavy industry, Painter and decorator, Recycling

#### **PRODUCT DETAILS**

fully coated - Nitrile / Palm and fingertips - Nitrile foam

Main material: Nylon 15 Gauge

Coating: Nitrile / Nitrile foam

Colour: red / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# **NITRILE FOAM COATING**

#### #1026

#### **NIRO-S pure**



#### **FEATURES**

Very good fit with high abrasion resistance, robust and versatile, very good grip on damp and slightly oily surfaces, comfortable wearing sensation

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Craft, Manufacturing systems engineering, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated - Nitrile foam

Main material: Nylon / Spandex 15 Gauge

Coating: Nitrile / Nitrile foam

Colour: grey / black

Sizes: 6, 7, 8, 9, 10, 11, 12

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3940



EN 388:2016

# STANDARD 100

TESTED FOR HARMFUL SUBSTANCES

# ASSEMBLY GLOVES

#### #1038





#### **FEATURES**

breathable, finger movability, flexible fit, maximum grip, oilrepellent, touchscreen compatible

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Manufacturing systems engineering, metal processing, Warehousing and logistics



Palm coated

Main material: Nylon 15 Gauge

Coating: Nitrile / Nitrile foam

Colour: greying / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton



# **NITRILE FOAM COATING**

# #1034 NIRO-S pure

#### **FEATURES**

sensitive, flexible fit, high wearing comfort, good grip, finger flexible

#### **RANGE OF APPLICATIONS**

Assembly work, Automotive industry, Metal construction, warehouse and logistics, Construction, Maintenance

#### **PRODUCT DETAILS**

3⁄4 coated

Main material: Nylon / Spandex 15 Gauge

Coating: Nitrile / Nitrile foam

Colour: grey / black

Sizes: 6, 7, 8, 9, 10, 11, 12

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4310

#1024



EN 388:201



#### FEATURES

Outstanding fit, oil repellent, very good dry grip, high wearing comfort and OEKO-TEX® Standard 100

#### **RANGE OF APPLICATIONS**

Aviation, Craft, Glass industry, Manufacturing systems engineering, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 18 Gauge

Coating: NIRO-S TEC

Colour: black / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

#### #1044



#### **FEATURES**

flexible fit, heat resistant, maximum grip, robust

#### **RANGE OF APPLICATIONS**

Automotive industry, Glass industry, Manufacturing systems engineering, metal processing

#### **PRODUCT DETAILS**

Palm coated

Main material: Acrylic Fleece - 13 Gauge

Coating: Micro nitrile foam

Colour: orange / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton







## LATEX COATING

#### #1019

#### **NIRO-S pure**



#### **FEATURES**

Liquid-tight on the palms, high grip and slip resistance, as well as good abrasion resistance

#### **RANGE OF APPLICATIONS**

Building industry, Gardening and landscaping, Heavy industry, Painter and decorator, Recycling

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 15 Gauge

Coating: Latex palm crinkled coated

Colour: red / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3430



# **SUPER WET GRIP**

# ASSEMBLY GLOVES



#### **FEATURES**

non-slip, liquid repellent, robust, abrasion resistant / durable

#### **RANGE OF APPLICATIONS**

Warehouse and logistics, construction, gardening and landscaping, recycling

#### **PRODUCT DETAILS**

Main material: Polyester 13 Gauge

Application: Assembly

Coating: Latex shrink-roughened

Colour: blue / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4240

#### **FEATURES**

High wearing comfort, maximum grip, abrasion-proof / durable, robust, liquid-tight

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Craft, Warehousing and logistics, Recycling

#### **PRODUCT DETAILS**

Palm coated

Main material: Polyester 13 Gauge

Coating: Latex

Colour: red / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

## LATEX COATING



#### **FEATURES**

Abrasion-proof / durable, finger movability, liquid repellent, maximum grip, robust

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Manufacturing systems engineering, Painter and decorator, Recycling, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: Polyester 13 Gauge

Coating: Latex

Colour: grey / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4290

#### **FEATURES**

Abrasion-proof / durable, high wearing comfort, liquid-tight, maximum grip, robust

#### **RANGE OF APPLICATIONS**

Building industry, Gardening and landscaping, Heavy industry, Recycling, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: Polycotton 10 Gauge

Coating: Latex

Colour: yellow / green

Sizes: 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# ASSEMBLY GLOVES



#### **FEATURES**

Extremely lightweight and flexible, very good fit, high abrasion resistance, robust, touchscreen capable

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Craft, Gardening and landscaping, Paper and cellulose industry

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 15 Gauge

Coating: palm micropourous latex coated

Colour: red / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3250

#### **FEATURES**

non-slip, finger flexible, flexible fit, liquid repellent, high wearing comfort

#### **RANGE OF APPLICATIONS**

Automotive industry and suppliers, warehousing and logistics, plant construction and engineering, consumer goods industry

#### **PRODUCT DETAILS**

Palm and fingertip

Main material: Polyester 13 Gauge

Application: Assembly

Coating: sandy Latex

Colour: blue / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

## LATEX COATING

#### #1036

#### **NIRO-S pure**



#### **FEATURES**

Abrasion-proof / durable, flexible fit, liquid-tight, maximum grip, oil-repellent

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Gardening and landscaping, Manufacturing systems engineering, Recycling

#### **PRODUCT DETAILS**

Assembling, liquid tight

Main material: Nylon 13 Gauge

Coating: double coated - smooth latex + sandy latex

Colour: blue / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton





# ASSEMBLY GLOVES

#### #1008

#### **NIRO-S pure**



#### **FEATURES**

Liquid-tight, resistant to oils and greases, extremely good dry grip



Protective glove is suitable for food contact



#### **RANGE OF APPLICATIONS**

Building industry, Craft, Food industry, Gardening and landscaping, Glass industry, Recycling

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 10 Gauge

Coating: Nitrile smooth

Colour: blue / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# NITRILE COATING



#### **FEATURES**

High wearing comfort, high mechanical resilience, flexible

#### **RANGE OF APPLICATIONS**

Building industry, Gardening and landscaping, Heavy industry, Painter and decorator, Recycling

#### **PRODUCT DETAILS**

Palm coated

Main material: Thick cotton liner

Coating: Nitrile

Colour: nature / yellow

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3280



#1022

niro eco #1022

NIRO-S eco

www.niro-s.de



#### **FEATURES**

Liquid-tight, resistant to oils and greases

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Gardening and landscaping, Manufacturing, systems engineering, Paper and cellulose industry

#### **PRODUCT DETAILS**

Palm coated

Main material: Thin cotton liner

Coating: Nitrile

Colour: nature / yellow

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# ASSEMBLY GLOVES



#### **FEATURES**

Abrasion-proof / durable, liquid-tight, oil-repellent, robust

#### **RANGE OF APPLICATIONS**

Building industry, Craft, Gardening and landscaping, Recycling, Warehousing and logistics

#### **PRODUCT DETAILS**

fully coated

Main material: Thin cotton liner

Coating: Nitrile

Colour: yellow

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4480

#### FEATURES

Abrasion-proof / durable, liquid-tight, maximum grip, oil-repellent, robust

#### **RANGE OF APPLICATIONS**

Building industry, Gardening and landscaping, Recycling, Warehousing and logistics

#### **PRODUCT DETAILS**

fully coated

Main material: Cotton

Coating: Nitrile

Colour: blue

Sizes: 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# NITRILE COATING

#### #1041

#### NIRO-S eco



#### **FEATURES**

abrasion-proof / durable, liquid-tight, maximum grip, oil-repellent, robust

#### **RANGE OF APPLICATIONS**

Building industry, Gardening and landscaping, metal processing, Recycling, Warehousing and logistics

#### **PRODUCT DETAILS**

fully coated

Main material: Cotton

Coating: Nitrile

Colour: blue

Sizes: 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4500



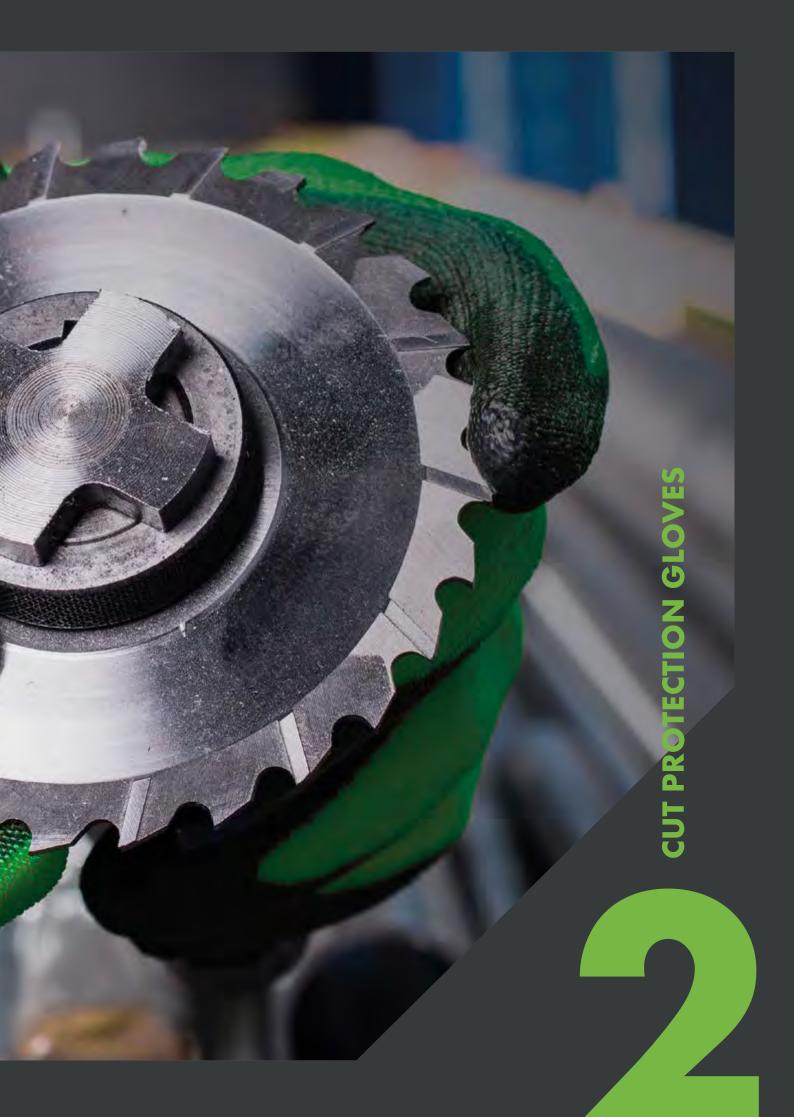
# **OIL-RESISTANT**

# YOUR PROTECTION AGAINST CUT INJURIES.

NIRO-S cut protection gloves include models with medium, high and maximum cut protection. (from performance level 3/B according to EN388 up to protection class F).

NIRO-S ensures that cut protection gloves are also a pleasure to wear because they are comfortable on the skin even over long periods of time. Find the right model for you.





# **CUT PROTECTION GLOVES**

#### #3006

#### NIRO-S eco



#### **FEATURES**

Lightweight and sensitive, good tactile and fingertip feel, secure grip for dry to slightly damp applications

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Heavy industry, Manufacturing systems engineering, Paper and cellulose industry

#### **PRODUCT DETAILS**

Palm coated

Main material: HPPE - 15 Gauge

Coating: Polyurethane (PU)

Colour: greying / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3010



4342B

# DURABLE AND SURE GRIP

# **CUT PROTECTION CLASS 3/B**



#### **FEATURES**

Excellent feel, extremely durable, cut-resistant, lightweight, excellent wearing sensation, OEKO-TEX® Standard 100

#### **RANGE OF APPLICATIONS**

Automotive industry, Glass industry, Manufacturing systems engineering, Paper and cellulose industry

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 18 Gauge

Coating: Nitrile foam

Colour: greying / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3750

#### **FEATURES**

Excellent sensitivity, cut-resistant, lightweight with excellent wearing sensation, dermatologically tested

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Electrical industry, Glass industry, Manufacturing systems engineering

#### **PRODUCT DETAILS**

Palm coated

Main material: Nylon 18 Gauge

Coating: Polyurethane (PU)

Colour: blue / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# **CUT PROTECTION GLOVES**



#### FEATURES

Glove which is antistatic and cut resistant. Also sensitive and touchscreen capable

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Electrical industry, Manufacturing systems engineering

#### **PRODUCT DETAILS**

Palm coated

Main material: HPPE / Carbon - 13 Gauge

Coating: Polyurethane (PU)

Colour: grey / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton



# **CUT PROTECTION CLASS 5/C**



# **CUT PROTECTION GLOVES**



#### **FEATURES**

high wearing comfort, good grip, abrasion resistant / durable, breathable, robust, cut resistant

#### **RANGE OF APPLICATIONS**

Automotive industry, Craft, Glass industry, Manufacturing systems engineering, Warehousing and logistics

#### **PRODUCT DETAILS**

Coating: Micro nitrile foam

Coating details: palm coated

Main material: UHMWPE 13 Gauge

Colour: green / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4200

#### **FEATURES**

sensitive, finger flexible, breathable, oil repellent, cut resistant

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Glass industry, Manufacturing systems, engineering, Paper and cellulose industry, Warehousing and logistics

#### **PRODUCT DETAILS**

Coating: Nitrile foam

Coating details: palm coated / crook of the thumb reinforced

Main material: HPPE - 18 Gauge

Colour: grey / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# **CUT PROTECTION CLASS 5/C**

#### #5020

#### NIRO-S eco



#### **FEATURES**

EN 388:2016

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cut-resistant, robust, abrasionresistant/durable, oil-repellent, good grip

#### **RANGE OF APPLICATIONS**

Glass industry, warehouse and logistics, heavy industry, craft, automotive industry and suppliers

**CUT AND SHOCK** 

RESISTANT

#### **PRODUCT DETAILS**

Reinforced palm and fingertips / crook of thumb

Main material: UHMWPE 13 Gauge

Coating: Sandy-Nitrile foam

Colour: green / black

Sizes: 8, 9, 10, 11

Packaging unit: 12 pairs / 72 pairs in carton



# **CUT PROTECTION GLOVES**



# **CUT PROTECTION GLOVES 5/D**

#### #5005

#### NIRO-S eco



#### **FEATURES**

Breathable, ergonomic fit, high abrasion resistance

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Glass industry, Manufacturing systems engineering, Paper and cellulose industry

#### **PRODUCT DETAILS**

Palm coated

Main material: HPPE - 13 Gauge

Coating: Polyurethane (PU)

Colour: grey / grey

Sizes: 6, 7, 8, 9, 10, 11, 12

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3020



# CUT PROTECTION WITH SENSITIVITY

# **CUT PROTECTION GLOVES**



#### **FEATURES**

Abrasion-proof / durable, breathable, cut resistant, finger movability, sensitive

#### **RANGE OF APPLICATIONS**

Automotive industry, Manufacturing systems engineering, metal processing, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: HPPE - 13 Gauge

Coating: Polyurethane (PU)

Colour: greying / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4460

#### **FEATURES**

Cut resistant, finger movability, light, maximum grip, robust

#### **RANGE OF APPLICATIONS**

Automotive industry, Glass industry, metal processing, Paper and cellulose industry, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: HPPE - 13 Gauge

Coating: Latex

Colour: greying / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# **CUT PROTECTION GLOVES 5/D**

#### #5024

#### NIRO-S pro



#### **FEATURES**

Breathable, cut resistant, finger movability, light, maximum grip, touchscreen compatible, Oeko Tex

#### **RANGE OF APPLICATIONS**

Automotive industry, Manufacturing systems engineering, metal processing, Paper and cellulose industry

#### PRODUCT DETAILS

Palm coated

Main material: HPPE - 18 Gauge

Coating: Polyurethane (PU)

Colour: greying / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4520



# OEKO-TEX® STANDARD 100 TESTED FOR HARMFUL SUBSTANCES

# **CUT PROTECTION GLOVES**



#### **FEATURES**

Good tactile and fingertip sensitivity, ergonomic fit, high abrasion resistance

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Building industry, Manufacturing systems engineering, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: HPPE + stainless steel fiber 13 Gauge

Coating: Polyurethane (PU)

Colour: grey / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3820

#### **FEATURES**

Protection against blades and sharp edges, flexible fit and high wearing comfort, sensitive, breathable, and durable

#### **RANGE OF APPLICATIONS**

Automotive industry, Glass industry, Heavy industry, Manufacturing systems engineering, Paper and cellulose industry, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated / crook ot the thumb reinforced

Main material: HPPE + stainless steel fiber 13 Gauge

Coating: Polyurethane (PU)

Colour: greying / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# **CUT PROTECTION CLASS F**

#### #5015

#### NIRO-S eco



#### **FEATURES**

Good grip features for oily, wet and dry work, cooling effect thanks to HPPE fiber, breathable back of the hand, robust and versatile

#### **RANGE OF APPLICATIONS**

Automotive industry, Craft, Gardening and landscaping, Heavy industry, Manufacturing systems engineering

#### PRODUCT DETAILS

Palm coated

Main material: HPPE - 13 Gauge

Coating: Sandy nitrile foam

Colour: grey / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4000



# HIGHEST POSSIBLE CUT PROTECTION!

# **CUT PROTECTION CLASS F**

#### #5017



#### **FEATURES**

Protection from blades and sharp edges, ergonomic fit, good secure grip with high wearing comfort and durable

#### **RANGE OF APPLICATIONS**

Automotive industry, Glass industry, Manufacturing systems engineering, Paper and cellulose industry, Recycling

#### **PRODUCT DETAILS**

Palm coated / crook ot the thumb reinforced

NIRO-S pro

Main material: HPPE + stainless steel fiber 13 Gauge

Coating: Micro nitrile foam

Colour: black / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4060



# HIGHEST POSSIBLE CUT PROTECTION!

# **CUT PROTECTION CLASS 5/D**

#### #5008

#### NIRO-S pro



#### **FEATURES**

Protection against blades and sharp edges, abrasion resistant, good secure grip in dry and slightly moist areas

#### **RANGE OF APPLICATIONS**

Electrical industry, Glass industry, Manufacturing systems engineering, Paper and cellulose industry, Recycling

**HIGHEST POSSIBLE** 

**CUT PROTECTION!** 

#### **PRODUCT DETAILS**

3/4 coated

Main material: HPPE + stainless steel fiber 13 Gauge

Coating: Nitrile foam

Colour: grey / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton



# **CUT PROTECTION GLOVES**



#### **FEATURES**

Protection from blades and sharp edges, good finger dexterity and flexibility, high breathability and good abrasion resistance.

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Glass industry, Manufacturing systems engineering, Painter and decorator

#### **PRODUCT DETAILS**

Main material: Brinix 10 Gauge

Coating: none

Colour: grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 10 pairs / 100 pairs in carton

Item number: 3870

#### **FEATURES**

Protection against blades and sharp edges, ergonomic fit, good grip in slightly oily and dry areas and good breathability.

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Glass industry, Paper and cellulose industry, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm with knobs

Main material: Stainless steel fiber 10 Gauge

Coating: Nitrile foam

Colour: mottled blue / black naps

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# **CUT PROTECTION CLASS F**



#### **FEATURES**

Protection from blades and sharp edges, also suitable for rough work, ergonomic fit and good breathability.

#### **RANGE OF APPLICATIONS**

Automotive industry, Electrical industry, Glass industry, Heavy industry, Manufacturing systems engineering

#### **PRODUCT DETAILS**

Palm reinforced with split leather

Main material: Stainless steel fiber 10 Gauge

Coating: Cow split leather

Colour: mottled blue / grey leather

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3890

#### **FEATURES**

Protection from blades and sharp edges, suitable for rough work, high abrasion resistance, good breathability

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Glass industry, Paper and cellulose industry, Recycling

#### **PRODUCT DETAILS**

Palm covered

Main material: Stainless steel fiber 10 Gauge

Coating: Cow split leather

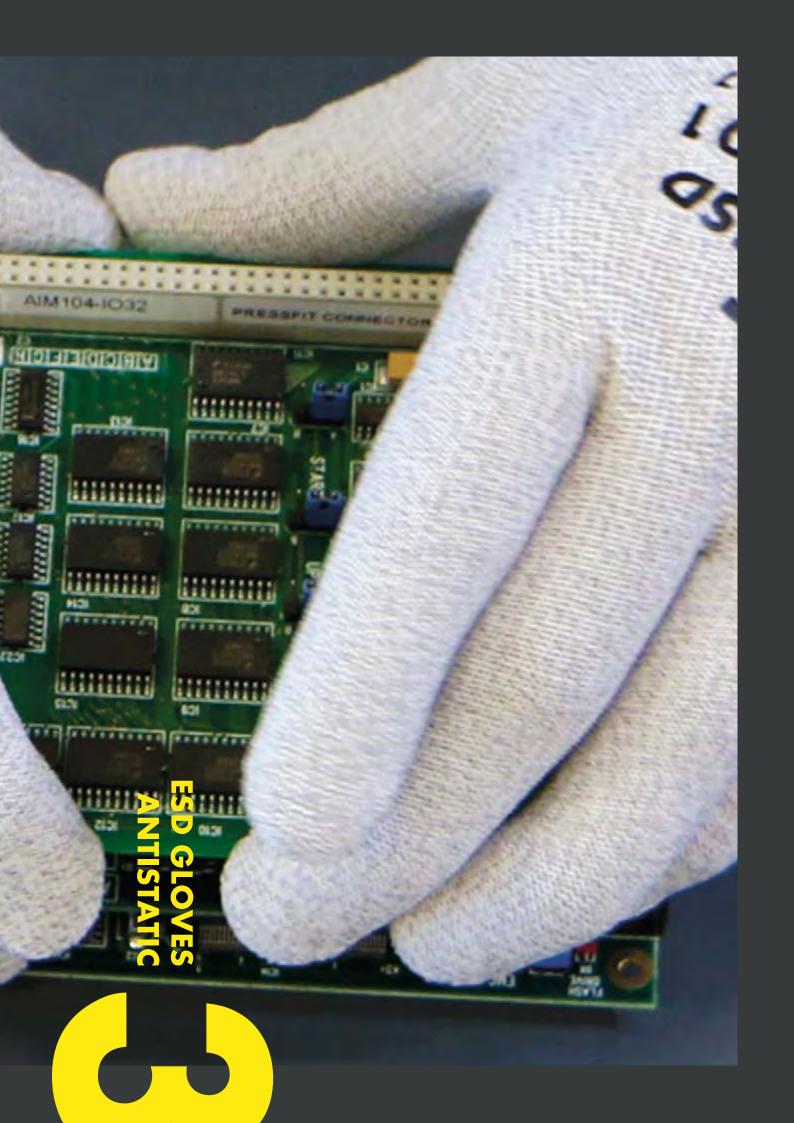
Colour: greying / grey leather

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

NIRO-S antistatic gloves meet the requirements of the new EN 16350-2014 for protective gloves against electrostatic risks. Gloves with excellent fit and sensitivity.

# ANTISTATC PROVIDE PROTECTION AGAINST ELECTROSTATIC DISCHARGE.



## **ESD GLOVES**

#### #1501

#### **NIRO-S ESD**



#### FEATURES

Antistatic, sensitive, soft, excellent wearing sensation, good tactile and fingertip feeling

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Electrical industry, Manufacturing systems engineering, Painter and decorator

#### **PRODUCT DETAILS**

Without coating

Main material: Polyester / Carbon - 15 Gauge

Colour: greying

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton



# ANTISTATIC

#### #1502

#### **NIRO-S ESD**



#### **FEATURES**

Antistatic, sensitive, soft, excellent wearing sensation, good tactile and fingertip feeling

#### **RANGE OF APPLICATIONS**

Automotive industry, Electrical industry, Manufacturing systems engineering, Paper and cellulose industry, Warehousing and logistics

#### **PRODUCT DETAILS**

Fingertips coated

Main material: Polyester / Carbon - 15 Gauge

Coating: Polyurethane (PU)

Colour: greying / white

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton



## **ESD GLOVES**

#### #1503

#### **NIRO-S ESD**



#### **FEATURES**

Antistatic, sensitive, soft, excellent wearing sensation, good tactile and fingertip feeling

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Building industry, Electrical industry, Manufacturing systems engineering

#### **PRODUCT DETAILS**

Palm coated

Main material: Polyester / Carbon - 15 Gauge

Coating: Soft polyurethane

Colour: greying / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton



# ANTISTATIC WITH CUT PROTECTION CLASS 5/C

#### #3501

#### **NIRO-S ESD**



#### **FEATURES**

Glove which is antistatic and cut resistant. Furthermore sensitive and touchscreen capable

EN 388:2016

₫

3542C

#### **RANGE OF APPLICATIONS**

**ANTISTATIC WITH** 

**CUT PROTECTION** 

Automotive industry, Aviation, Electrical industry, Manufacturing systems engineering

#### **PRODUCT DETAILS**

Palm coated

Main material: HPPE / Carbon - 13 Gauge

Coating: Polyurethane (PU)

Colour: grey / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 4140

#### WWW.NIRO-S.DE/EN 69

NIRO-S winter gloves are based on the EN 511 standard, which applies to gloves that are resistant to convection cooling and contact cold and are also waterproof.

Our gloves keep the wearer's hands warm and comfortable even in icy temperatures.

# THE OPTIMAL PROTECTION IN COLD AND ICE.



# WINTER GLOVES



#### **FEATURES**

Cold protection, back of the hand water repellent, coating against liquids

#### **RANGE OF APPLICATIONS**

Building industry, Craft, Heavy industry, Recycling, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Main material: Terry - 10 Gauge brushed inside

Coating: Sandy latex foam

Colour: red / grey

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3460

#### **FEATURES**

high wearing comfort, good grip, abrasion resistant / durable, oil repellent, cold repellent

#### **RANGE OF APPLICATIONS**

Building industry, Craft, Gardening and landscaping, Recycling, Warehousing and logistics

#### **PRODUCT DETAILS**

Palm coated

Coating: Latex

7 G Polyester-Terry

Colour: yellow / black

Sizes: 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

# **COLD PROTECTION**



#### **FEATURES**

Cold protection, water repellent, high abrasion resistance and good grip

#### **RANGE OF APPLICATIONS**

Automotive industry, Craft, Gardening and landscaping, Heavy industry, Warehousing and logistics

#### **PRODUCT DETAILS**

3/4 coated

Main material: Terry - 10 Gauge brushed

Coating: Sandy nitrile foam

Colour: yellow / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 144 pairs in carton

Item number: 3470

#### **FEATURES**

high wearing comfort, good grip, abrasion resistant / durable, liquid repellent, cold repellent, heat repellent

#### **RANGE OF APPLICATIONS**

Automotive industry, Building industry, Consumer goods industry, Gardening and landscaping, Recycling, Warehousing and logistics

#### **PRODUCT DETAILS**

full coated smooth latex / palm coated sandy latex

Coating: double coated - smooth latex + sandy latex, Sandy latex foam

Colour: orange / black

Sizes: 6, 7, 8, 9, 10, 11

Packaging unit: 12 pairs / 72 pairs in carton

When handling sheet metal, plastics and glass, NIRO-S arm sleeves in various versions and lengths protect against cuts, abrasions and burns. Innovative yarns ensure outstanding wearing comfort.

# PROTECTIVE SLEEVES EXCLUSIVE CUFF EDITION



# ARM PROTECTION AGAINST HEAT AND CUTS.

## **PROTECTIVE SLEEVES**



#### **FEATURES**

Protection against sharp edges, ergonomic fit, good breathability, contact heat resistant up to 100° C

#### **RANGE OF APPLICATIONS**

Automotive industry, Heavy industry, Manufacturing systems engineering, Paper and cellulose industry, Warehousing and logistics

#### **PRODUCT DETAILS**

Main material: Paraamid / Nylon

Without coating

Colour: green

Sizes: 30, 35, 40, 45, 50

Packaging unit: 10 pieces / 100 pieces in carton

Item number: 3910

#### **FEATURES**

Protection against sharp edges, ergonomic fit, good breathability, Velcro closure against slipping.

#### **RANGE OF APPLICATIONS**

Aviation, Glass industry, Manufacturing systems engineering, Paper and cellulose industry, Warehousing and logistics

#### **PRODUCT DETAILS**

Main material: Polyethylene-Polyester-Fiber-Polyamid 13 Gauge

Without coating

Colour: greying / 3-finger opening

Sizes: 30, 35, 40, 45, 50

Packaging unit: 10 pieces / 100 pieces in carton

# **ADDITIONAL PROTECTION**

#### #5501

#### NIRO-S cuff





#### **FEATURES**

Protection against sharp edges, ergonomic fit, good breathability, contact heat resistant up to 100 °C

#### **RANGE OF APPLICATIONS**

Automotive industry, Aviation, Glass industry, Manufacturing systems engineering, Warehousing and logistics

#### **PRODUCT DETAILS**

Main material: Polyethylene-Polyester-Fiber-Polyamid 13 Gauge

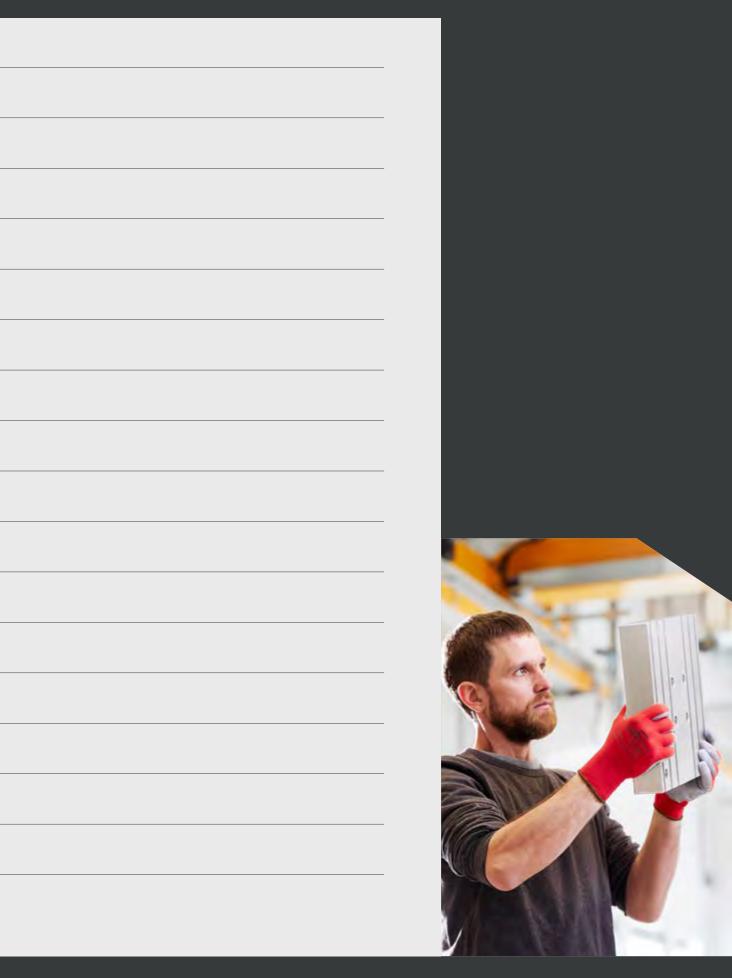
Without coating

Colour: yellow

Sizes: 30, 35, 40, 45, 50

Packaging unit: 10 pieces / 100 pieces in carton

# NOTES





#### SERVICE

Top service and direct contact with our customers are particularly important to us. If you have any questions, suggestions or requests, please do not hesitate to write us a short message or simply give us a call.

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#### FRIEDRICH MÜNCH GMBH + CO KG

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